## This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

## SEQUENCE LISTING

<110>	Black, I. B.	
<120>	Multilineage Directed Induction Of Bone Marrow Stromal Cell Differentiation	
<130>	Primers	
<140>		
<141>		
<160>	22	
<170>	PatentIn Ver. 2.0	
<210>		
<211>		
<212>		
<213>	Artificial Sequence	
-220-		
<220>	Personnel of Ambibiate Agency	
<223>	Description of Artificial Sequence: nucleic acid primer	
<400>	1	
aggtgg	gcctt cctgcggagc aatc	24
<210>	2.	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
	Description of Artificial Sequence: nucleic acid primer	
<400>	2	
gcctca	nggag acttcacggg agac	24
<210>	3	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	

<400>	> 3	
ggctt	ttgaag cagcatggct gaac	2
<210>		
<211>	<del></del>	
<212>		
<213>	· Artificial Sequence	
<220>		
	Description of Artificial Sequence: nucleic acid	
1225	primer	
<400>	4	
ggcct	gatca caaaccctgc ttgg	2
<210>	5	
<211>	23	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>	E	
	aaatc atacagcgag agc	2.5
cgacc	adace acacagegay age	23
<210>	6	
<211>	·	
<212>		
	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>		
agaagt	ttgcc attgatgctg agcg	24
<210>		
<211>		
<212>		
<213>	Artificial Sequence	-
<220>		
	Description of Artificial Sequence: nucleic acid	
	primer	

<400	> 7	
gagad	cgtatc acctctgcac	20
<210		
<211:		
	> DNA	
<213>	> Artificial Sequence	
<220>	•	
	<ul> <li>Description of Artificial Sequence: nucleic acid</li> </ul>	
	primer	
<400>	. 8	
ggaag	caacg tctgtgaggt	20
<210>		
<211>		
<212>	•	
<b>\</b> 213>	Artificial Sequence	
<220>		
	Description of Artificial Sequence: nucleic acid	
	primer	
<400>		
ctaca	gttgc tccaacgttg ccagg	25
<210>	10	
<211>		
<212>	•	
<213>	Artificial Sequence	
	-	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
400	10	
<400>		
ay Laa(	ccagc ttccaggcgt ttgg	24
<210>	11	
<211>		
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	

primer

<400>	• 11	
tctcc	ttcca gtccacaaac gacc	24
<210>	12	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>	·	
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>		
cttcc	ctttc taactgatga tctg	24
<210>		
<211>		
<212>		
<213>	Artificial Sequence	
-220-	•	
<220>	Paraminting of Authority and	
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>	13	
		<b>~</b> 4
accacg	gette gettetgtat gagg	24
<210>	14	
<211>		
<212>		
<213>	Artificial Sequence	
	•	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
	•	
<400>	14	
atcaac	atgg aatggtgttg tggc	24
	·	
<210>	15	
<211>	24	
<212> 1		
<213>	Artificial Sequence	
<220>		
	Description of Artificial Sequence: nucleic acid	
τ	primer	

<400: ttgga	> 15 actgag ctactgtctg ttgc	2
-010-	16	
<210		
<2112	DNA	
<213	Artificial Sequence	
<220>	•	
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>	. 16	
tttca	gcaca cagegeeatt tgge	2
		_
<210>	17	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>	17	
ctcag	agaac cctgtggatg tccg	2
<210>	10	
<211>		
<212>		
	Artificial Sequence	
12137	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>		
	cgct ccaggtattt gtagg	25
•		
<210>	19	
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
	Description of Artificial Sequence: nucleic acid	
	primer	

<400>	19	
agttt	cttgg tctctgggga cagc	24
<210>	20	
<211>	24	
<212>	DNA	
<213>	Artificial Sequence	
<220>	·	
<223>	Description of Artificial Sequence: nucleic acid primer	
<400>	20	
aactga	atggt caggatcgac aggg	24
<210>	21	
<211>	24	
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>	31	
	acagc atcatccaga catc	24
CCCCCC	acage accaeccaga cace	24
<210>	22	
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: nucleic acid	
	primer	
<400>	22	
cacctt	ggtc gtggatgatc atagg	25